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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Collinson et al.

Serial No.: 09/894,550

Filed: 28 June 2001

Entitled: DUAL SPECIFICITY ANTIBODIES
AND METHODS OF MAKING AND
USING

Atty. Docket No.: BBC-083A US

ART UNIT: 1646

EXAMINER: Andres, J. L.

Commissioner for Patents

P.O. Box 1450,

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit February 2, 2005

Office of Technology Transfer
Lisa Rasmussen

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AMENDMENT UNDER 37 CFR §1.111

Sir/Madam:

This paper is filed in response to the Office Action dated 02 August 2004, for the above-identified case. This paper is being filed with a petition for a 3-month extension of time under 37 CFR § 1.136(a) and authorization to charge the appropriate fee under 37 CFR § 1.17(a)(3) to a valid deposit account, making the new response deadline 02 February 2005.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 12 of this paper.

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acknowledges that the method of generating such dual-specificity antibodies by using an antigen comprising SEQ ID No 3 is enabled.

Notwithstanding Applicant's traverse, and without in any way acquiescing to the reasons for the present rejection, Applicants have amended claim 4 such that the antigen provided in the method comprises the amino acid sequence TKGGQQDITDFQILENQ (SEQ ID NO: 3). Applicants have canceled claims 9 and 10. These amendments are made solely to advance examination of the present application to allowance. This amendment is supported throughout the specification as filed, and no new matter is added. Applicants reserve the right to prosecute the original subject matter in a later-filed continuation application, which properly claims the benefit of this application.

In view of the foregoing remarks, Applicants respectfully request the withdrawal of the rejection to claims 1-4, 12-31 and 89-95 under 37 USC § 112, first paragraph.

Allowable Subject Matter

Applicants acknowledge Examiner's indication that Claim 10 would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims. The subject matter of claim 10, acknowledged by the Examiner as being allowable, is included in claim 4 as amended. Consequently, Applicants have canceled claim 10.

Conclusion

In view of the foregoing remarks, Applicants believe that all objections and rejections set forth in the Office Action of 02 August 2004 have been avoided or overcome, and consequently the application is in condition for allowance. Reconsideration and removal of the rejections, and allowance of the pending amended claims are, therefore, respectfully requested.

Respectfully submitted,



Tara Seshadri, Ph.D.
Registration No. 48,591
Agent for Applicants

FEB 02 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Albert Collinson et al.

Serial No.: 09/894,550

ART UNIT: 1646

Filed: June 28, 2001

EXAMINER: Andres, Janet L.

Entitled: DUAL SPECIFICITY ANTIBODIES
AND METHODS OF MAKING AND
USING

Atty. Docket No.: BBC-083/A

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450,
 Alexandria, VA 22313-1450

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February 2, 2005
 date of mailing and signature

Lisa Rasmussen
 Lisa Rasmussen

TRANSMITTAL LETTER

Sir/Madam:

Transmitted herewith are: [X] Amendment Under 37 C.F.R. §1.111 with Exhibit A and Exhibit B; and [X] An Acknowledgement Postcard; to be filed in the above-identified patent application.

FEE FOR ADDITIONAL CLAIMS

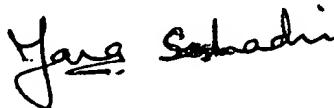
- [X] A fee for additional claims is not required.
 A fee for additional claims is required. The additional fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	NUMBER OF EXCESS CLAIMS	RATE	FEES DUE
TOTAL CLAIMS	32	88	0	× \$18	= 0.00
INDEPENDENT	3	5	0	× \$84	= 0.00
FIRST INTRODUCTION OF MULT. DEPENDENT CLAIM			+\$280	=	0.00
TOTAL FEES DUE					= 00.00

PETITION FOR EXTENSION OF TIME

- [X] Extension is requested under 37 CFR 1.136(a), and the following extension fee is applicable for the paper(s) filed herewith: [] \$110.00 for response within first month pursuant to 37 CFR 1.17(a)(1);
[] \$430.00 for response within second month pursuant to 37 CFR 1.17(a)(2);
[X] \$980.00 for response within third month pursuant to 37 CFR 1.17(a)(3);
[] \$1,530.00 for response within fourth month pursuant to 37 CFR 1.17(a)(4);
[] \$2,080.00 for response within fifth month pursuant to 37 CFR 1.17(a)(5);
- [X] The Commissioner is hereby authorized to charge payment of any fees required in connection with the paper(s) transmitted herewith, or to credit any overpayment of same, to Deposit Account No. 010025 A duplicate copy of this transmittal letter is transmitted herewith.

Respectfully submitted.



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PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

098914550

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS	88	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	88 minus 20=	68
INDEPENDENT CLAIMS	6 minus 3 =	3
MULTIPLE DEPENDENT CLAIM PRESENT	<input type="checkbox"/>	

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	95	Minus	88
Independent	6	Minus	6	= 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM	<input type="checkbox"/>			

(Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	96	Minus	95
Independent	6	Minus	6	= 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM	<input type="checkbox"/>			

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total		Minus	
Independent		Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM	<input type="checkbox"/>			

SMALL ENTITY
TYPE OTHER THAN
OR SMALL ENTITY

RATE	FEES	RATE	FEES
BASIC FEE	355.00	OR BASIC FEE	710.00
X\$ 9=		OR X\$18=	122.4
X40=		OR X80=	240.0
+135=		OR +270=	
TOTAL		OR TOTAL	217.4

OTHER THAN
SMALL ENTITY OR SMALL ENTITY

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR X\$18=	126.0
X40=		OR X80=	
+135=		OR +270=	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR X\$18=	50.0
X40=		OR X80=	
+135=		OR +270=	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	50.0

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR X\$18=	
X40=		OR X80=	
+135=		OR +270=	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.